

# PATENT ABSTRACTS OF JAPAN

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## (54) MOISTURE-CURABLE RESIN COMPOSITION

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a moisture-curable resin composition of which the surface tackiness disappears in a short time as compared with the existing moisture-curable resin composition.

**SOLUTION:** This moisture-curable resin composition is composed of 100 pts.wt. of an organic polymer (a) containing a silyl group and having at its molecular terminal or on its side chain at least one functional group having a silicon atom bound to a hydrolyzable group per molecule and 0.1-20 pts.wt. of a tin compound (b) of a carboxylic acid which is expressed in general formula (1) below (wherein, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> are each a 1-10C hydrocarbon group that may be identical or different) where the α carbon atom of the carboxylic acid is a tertiary carbon.



## \* NOTICES \*

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1. This document has been translated by computer. So the translation may not reflect the original precisely.

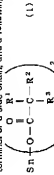
2.\*\*\* shows the word which can not be translated.

3. In the drawings, any words are not translated.

## CLAIMS

[Claim 6a]

[Claim 1] Silyl group content organosilyl polymer (a) 100 weight section which has one basis which has the silicon atom combined with hydroxylo basis, if it will [per molecule] to a molecular formula of side chain, and a following general formula (1): [Formula 1]



(Among a formula, R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> are hydrocarbon groups with 1-10 carbon atoms, respectively, and differing, even if R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> are the same to mutual — \*\*\* — a moisture curing type resin composition, wherein the carbon atom of the alpha position of carboxylic acid expressed consists of the tin compound (b) 0.1 of the carboxylic acid which is the third class carboxylic acid weight section. [Claim 2] The moisture curing type resin composition according to claim 1, which contains a tin compound of type resin composition of liquid type resin composition of the agent component (A) containing said allyl group and (b) hydroxyol.

[Claim 3] The moisture curing type resin composition according to claim 1 or 2 in which said allyl group content organosilyl polymer (a) is what uses a polymer of polyether and an ethylene unsaturated compound or a polymer of diene series as a main chain.

[Claim 4] The moisture curing type resin composition according to any one of claims 1 to 3 in which said tin compound (b) is SUTANASU screw phalate or SUTANASU screw neo decanoate.

[Translation done.]



difficult [ a use ] when it is considered as a hardening resin constituent, 30000 or less are too desirable [ a thing ] as a number average molecular weight. Although such an organic polymer can be manufactured by a publicly known method, commercial items, such as KANEKA MS polymer by Kaneka Corp., may be used for it.

[0014] In the carboxylic acid tin salt expressed with a general formula (1), it is a following general formula (2): [0015]

[0014] In the carboxylic acid tin salt expressed with a general formula (1), it is a following general formula (2): [0015]

